

DECLARATION FOR UTILITY PATENT APPLICATION

AS BELOW-NAMED INVENTORS, WE HEREBY DECLARE THAT:

Our residences, post office addresses, and citizenship are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled: OMNIBUS LOGIC ELEMENT, the specification of which is attached hereto:

WE HEREBY STATE THAT WE HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

We acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

We hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application No.	Country	Date of Filing	Priority Claimed?
			<input type="checkbox"/> Yes <input type="checkbox"/> No

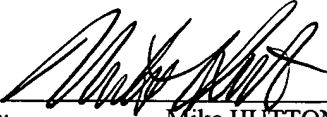
We hereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date


We hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, we acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status

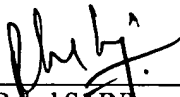
3/16/04
Date


Name: Mike HUTTON
Residence: Mountain View, California
Citizenship: Canada
Post Office Address: 209 Post Street, Mountain View, California 94040

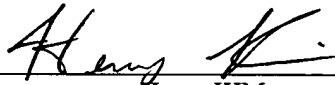
3/12/04
Date


Name: Andy LEE
Residence: San Jose, California
Citizenship: United States of America
Post Office Address: 6936 Rainbow Drive, San Jose, California 95129

03/12/04
Date


Name: Rahul SAINI
Residence: Union City, California
Citizenship: India
Post Office Address: 131 Red Cedar Lane, Union City, California 94587

03/16/2004
Date


Name: Henry KIM
Residence: San Jose, California
Citizenship: Canada
Post Office Address: 60 Desconso Drive #1202, San Jose, CA 95134

DECLARATION FOR UTILITY PATENT APPLICATION

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We hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

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Application Serial No.	Filing Date	Status

		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned
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We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date

Name: James SCHLEICHER
Residence: Los Gatos, California
Citizenship: United States of America
Post Office Address: 215 San Mateo Avenue, Los Gatos, CA 95030

Date

Name: Richard YUAN
Residence: Cupertino, California
Citizenship: China
Post Office Address: 20199 Suisun Drive, Cupertino, California 95014

Date

Name: Bruce PEDERSEN
Residence: Sunnyvale, California
Citizenship: United States of America
Post Office Address: 1063 Morse Avenue #21300, Sunnyvale, CA 94089

Date

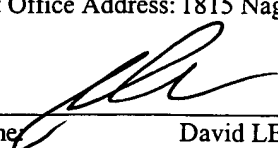
Name: Sinan KAPTANOGLU
Residence: Belmont, California
Citizenship: United States of America
Post Office Address: 2701 Witheridge Road, Belmont, California 94002

Date

Name: Gregg BAECKLER
Residence: San Jose, California
Citizenship: United States of America
Post Office Address: 1815 Naglee Avenue, San Jose, California 95126

M215/04

Date

Name:  David LEWIS
Residence: Toronto, Ontario
Citizenship: Canada
Post Office Address: 188 Howland Avenue, Toronto, Ontario M6R 3B6

5

Date	Name:	Mike HUTTON
	Residence:	Mountain View, California
	Citizenship:	Canada
	Post Office Address:	209 Post Street, Mountain View, California 94040

Date	Name:	Andy LEE
	Residence:	San Jose, California
	Citizenship:	United States of America
	Post Office Address:	6936 Rainbow Drive, San Jose, California 95129

Date	Name:	Rahul SAINI
	Residence:	Union City, California
	Citizenship:	India
	Post Office Address:	131 Red Cedar Lane, Union City, California 94587

Date	Name:	Henry KIM
	Residence:	San Jose, California
	Citizenship:	Canada
	Post Office Address:	60 Desconso Drive #1202, San Jose, CA 95134

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: James SCHLEICHER et al.Application No./Patent No.: Not Yet Assigned Filed/Issue Date: Concurrently HerewithEntitled: OMNIBUS LOGIC ELEMENTAltera Corporation, a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.**OR**B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.**[NOTE:** A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

3/16/04
Date(408)-544-6940
Telephone NumberDerek E. Minihane
Typed or printed name
SignatureDirector of Intellectual Property and Assistant Secretary
Title

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM	Application Number		Not Yet Assigned	
	Filing Date		Concurrently Herewith	
	First Named Inventor		James SCHLEICHER	
	Title	OMNIBUS LOGIC ELEMENT		
	Art Unit		Not Yet Assigned	
	Examiner Name		Not Yet Assigned	
Attorney Docket No.		306812005700		

I hereby appoint:

☒ Practitioners at Customer Number 25226

OR

☐ Practitioner(s) named below:

Name	Registration Number	Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name

Address

City		State		Zip	
Country		Telephone		Fax	

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Derek E. Miniham, Director of Intellectual Property and Assistant Secretary				
Signature					
Date	3/16/04		Telephone	(408)-544-6940	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ Total of 1 forms are submitted.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

James SCHLEICHER et al.

Serial No.: Not Yet Assigned

Filing Date: Concurrently Herewith

For: OMNIBUS LOGIC ELEMENT

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

ASSOCIATE POWER OF ATTORNEY

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Please recognize the following attorneys and agents:

Derek E. Minihane (Reg. No. 39,774) Henry Ohab (Reg. No. 45,854)
Archana Ojha (Reg. No. 53,408)


all of Altera Corporation, 101 Innovation Drive, San Jose, California 95134, to prosecute this application and transact all matters in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R. § 3.71 provided that if any one of said attorneys or agents ceases being affiliated with the law firm of Morrison & Foerster LLP as partner, employee or of counsel, such attorney's or agent's appointment as attorney or agent and all powers derived therefrom shall terminate on the date such attorney or agent ceases being so affiliated.

Please continue to direct all correspondence regarding this application to the following:

MORRISON & FOERSTER LLP
Customer Number 25226

Dated: March ²⁵, 2004

Respectfully submitted,

By 
Douglas G. Hodder
Registration No.: 41,840
MORRISON & FOERSTER LLP
755 Page Mill Road
Palo Alto, California 94304
(650) 813-4203

ASSIGNMENT
JOINT

COPY

THIS ASSIGNMENT, by James SCHLEICHER, Richard YUAN, Bruce PEDERSEN, Sinan KAPTANOGLU, Gregg BAECKLER, David LEWIS, Mike HUTTON, Andy LEE, Rahul SAINI, and Henry KIM (hereinafter referred to as the assignors), residing at 215 San Mateo Avenue, Los Gatos, California 95030; 20199 Suisun Drive, Cupertino, California 95014; 1063 Morse Avenue #21300, Sunnyvale, California 94089; 2701 Witheridge Road, Belmont California 94002; 1815 Naglee Avenue, San Jose, California 95126; 188 Howland Avenue, Toronto, Ontario M3R 3B6; 209 Post Street, Mountain View, California 94040; 6936 Rainbow Drive, San Jose, California 95129; 131 Red Cedar Lane, Union City, California 94587 and 60 Desconso Drive #1202, San Jose, California 95134, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in OMNIBUS LOGIC ELEMENT, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; and

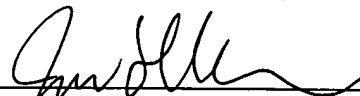

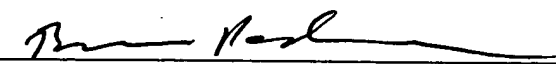


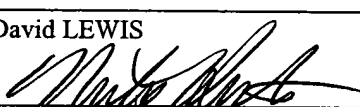


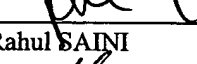
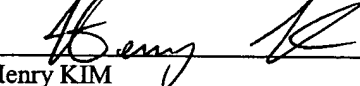
WHEREAS, Altera Corporation, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 101 Innovation Drive, San Jose, California 95134 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Date	<u>3/12/04</u>	 James SCHLEICHER
Date	<u>3/16/04</u>	 Richard YUAN
Date	<u>3/13/04</u>	 Bruce PEDERSEN
Date	<u>3/16/2004</u>	 Sinan KAPTANOGLU
Date	<u>3/12/04</u>	 Gregg BAECKLER
Date		
Date	<u>3/16/04</u>	 David LEWIS
Date	<u>3/12/04</u>	 Mike HUTTON
Date	<u>03/12/04</u>	 Andy LEE
Date	<u>03/16/2004</u>	 Rahul SAINI
Date		
Date	<u>03/16/2004</u>	 Henry KIM

ASSIGNMENT JOINT

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WHEREAS, said assignors have invented certain new and useful improvements in OMNIBUS LOGIC ELEMENT, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; and

WHEREAS, Altera Corporation, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 101 Innovation Drive, San Jose, California 95134 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

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Date	James SCHLEICHER
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Date	Andy LEE
Date	Rahul SAINI
Date	Henry KIM